

## **ABSTRACT OF THE DISCLOSURE**

A method for controlling upgrade of firmware of an electronic device comprising process of forming a hardware ID code; forming a firmware ID code; and checking said firmware ID code and hardware ID code and upgrading said firmware. A coding method  
5 is applied for management of software and hardware versions of the device. According to the codes, the entireness and correctness of a firmware is checked before recording the firmware, so that any unintentional mistake or intentional change to the firmware file can be prevented. The compatibility of the firmware file to the hardware and the system resource capacity of the hardware are confirmed in order to prevent from failure during  
10 updating.